

IN THE SPECIFICATION:

Please amend Page 2, Lines 6-17 to read as follows:

The stated object is achieved by a recording medium storing thereon an index table and a plurality of operating mode objects, wherein the index table shows a plurality of titles in correspondence with the plurality of operation mode objects, at least one of the operation mode objects being a first operation mode object that is for use in a movie mode, and at least another one of the operation mode objects being a second operation mode object that is for use in a virtual machine, the first operation mode object includes a navigation command that shows a control procedure, the second operation mode object includes cache management information, and the cache management information shows, of files that compose applications, which file is to be read to a cache before audio-visual playback of the title corresponding to the second operation mode object when said title becomes a current title. playback apparatus that includes: a module operable to execute one or more of a plurality of applications; a playback control engine unit operable to play a digital stream belonging to one of a plurality of titles; and a module manager operable to control branching between the plurality of titles, wherein each title includes a table that shows at least one application that has a life cycle bound to the title, the module includes a virtual machine unit, a cache, and an application manager for loading an application to the cache, and when a branch occurs between titles, the application manager reads to the cache at least one application whose life cycle is bound to a branch destination title.

Please amend Page 2, Line 18 through Page 3, Line 1 to read as follows:

Processing is performed by loading an application to the cache and deleting the application from the cache based on units of a title, and therefore the application can be read by

the virtual machine any time in the title. In the recording medium of the present invention, the cache management information shows which file is to be read to a cache before audio-visual playback of the title corresponding to the second operation mode object when said title becomes a current title. Therefore, when the title corresponding to the operation mode object becomes a current title, the application can be read from the cache to the virtual machine at any time. Since the application can be read to the virtual machine any time, the number of times the application is read from the recording medium is reduced, even if the life cycle of the application is defined in terms a small unit such as a chapter. Furthermore, reading from the optical disc to the cache is performed when branching between titles, in other words, where it is unnecessary to ensure seamless playback. Therefore, preparation for execution of an application can be made easily any time, without making the user aware of interruptions due to the application being read.